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Information Disclosure  
Statement By Applicant

(Use Several Sheets if Necessary)

Title: Mouse telomerase reverse transcriptase  
Inventors: Morin et al.

Filing Date: March 16, 1998

Group: 1636; Sumesh Kaushal, Ph.D.

## U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Publ. Date	Class/ Subclass	Inventors:	Title:
S	CA	US 6,337,200	Aug 3/98	Jan 8/02	435/194	Morin	Human telomerase catalytic subunit variants
S	CB	US 20030060417	Nov 15/02	Mar 27/03	514/12	Tsuchiya et al.	Novel gene having reverse transcriptase motif

## Foreign Patent or Published Foreign Patent Application

Examiner Initial	Ref.	Document No.	Publ. Date	Juris-diction	Title:	Translation
S	CC	WO 99/35261	Jul 15/99	PCT	Novel gene having reverse transcriptase motif (Abstract in English; for translation see US 20030060417)	
S	CD	WO 02/74935	Sep 26/02	PCT	Use of telomerase reverse transcriptase to create homozygous knockout animals	

## Other Documents

Examiner Initial	Ref.	Author, Title, Date, Source
S	GE	Bryan TM, Sperger JM, Chapman KB, Cech TR. Telomerase reverse transcriptase genes identified in Tetrahymena thermophila and Oxytricha trifallax. Proc Natl Acad Sci U S A. 1998 Jul 21;95(15):8479-84.
S	CF	Collins K, Gandhi L. The reverse transcriptase component of the Tetrahymena telomerase ribonucleoprotein complex. Proc Natl Acad Sci U S A. 1998 Jul 21;95(15):8485-90.
S	CG	Counter CM, Meyerson M, Eaton EN, Weinberg RA. The catalytic subunit of yeast telomerase. Proc Natl Acad Sci USA. 1997 Aug 19;94(17):9202-7.
S	CH	Friedman KL, Cech TR. Essential functions of amino-terminal domains in the yeast telomerase catalytic subunit revealed by selection for viable mutants. Genes Dev. 1999 Nov 1;13(21):2863-74.
S	CV	Greenberg RA, Allsopp RC, Chin L, Morin GB, DePinho RA. Expression of mouse telomerase reverse transcriptase during development, differentiation and proliferation. Oncogene. 1998 Apr 2;16(13):1723-30.
S	ER	Lingner J, Hughes TR, Shevchenko A, Mann M, Lundblad V, Cech TR. Reverse transcriptase motifs in the catalytic subunit of telomerase. Science. 1997 Apr 25;276(5312):561-7.
S	CK	Patel PH, Loeb LA. DNA polymerase active site is highly mutable: evolutionary consequences. Proc Natl Acad Sci U S A. 2000 May 9;97(10):5095-100.
S	ER	Stemmer WP. DNA shuffling by random fragmentation and reassembly: in vitro recombination for molecular evolution. Proc Natl Acad Sci U S A. 1994 Oct 25;91(22):10747-51.
S	GM	Weinrich SL, Pruzan R, Ma L, Ouellette M, Tesmer VM, Holt SE, Bodnar AG, Lichtsteiner S, Kim NW, Trager JB, Taylor RD, Carlos R, Andrews WH, Wright WE, Shay JW, Harley CB, Morin GB. Reconstitution of human telomerase with the template RNA component hTR and the catalytic protein subunit hTRT. Nat Genet. 1997 Dec;17(4):498-502.
S	CN	Xiong Y, Eickbush TH. Origin and evolution of retroelements based upon their reverse transcriptase sequences. EMBO J. 1990 Oct;9(10):3353-62.

Examiner	<i>Sumesh</i>	Date Considered	8/18/03

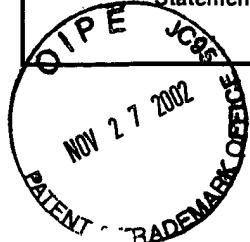
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. **Include copy of this form with next communication to applicant.**

## Information Disclosure Statement By Applicant

Title: Mouse Telomerase Reverse Transcriptase  
Inventors: Gregg B. Morin et al.

Filing Date: March 16, 1998

Group: 1633



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## U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/ Subclass	Inventors:	Title:
<i>SG</i>	RA	6,337,200	Aug 3/98	Jan 8/02	435/194	Gregg B. Morin	Human telomerase catalytic subunit variants

## U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/ Subclass	Inventors:	Title:
<i>SG</i>	BB	6,166,182	Aug 11/99	Dec 26/00	530/350	Bergsma & Shabon	Human neurotensin receptor type 2 and splice variants thereof
<i>SG</i>	BC	6,174,679	Dec 10/98	Jan 16/01	435/6	J. Kaufmann	CIF150/HTAF <sub>1</sub> 150 is necessary for cell cycle progression
<i>SG</i>	BD	6,265,185	Oct 19/98	Jul 24/01	435/69.1	Muller & Dalbage	Yeast promoters suitable for expression cloning in yeast . . .
<i>SG</i>	BE	6,486,302	Jan 24/01	Nov 26/02	530/376	Briggs et al.	HM2 cDNA and related polypeptide
<i>SG</i>	BF	6,485,956	Jul 14/02	Nov 26/02	435/219	D.P. Cerretti	Testis-specific human SVPH1-8 proteinase

## Foreign Patent or Published Foreign Patent Application

(none)

## Other Documents

Examiner Initial	Ref.	Author, Title, Date, Source
<i>SG</i>	BG	P.H. Patel & L.A. Loeb. DNA polymerase active site is highly mutable: Evolutionary consequences. Proc. Natl. Acad. Sci. USA 97:5095-5100, 2000.

Examiner	<i>Smeltz</i>	Date Considered	8/18/03

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